



MK2529GSG

1.8-inch SATA HDD

Key Advantages:

- Ultra-light and ultra-quiet
- Low power consumption lets applications work longer
- 5400 rpm drives deliver higher performance
- Industry-leading operating shock tolerance

Applications:

- Notebooks
- Portable Storage Devices
- GPS navigations systems
- And more digital applications

Specifications:

Data Storage Capacity:	
Per drive, Formatted	250 GB
Number of Platters	2
Number of Heads	4
Bytes/ Sector	512
Rotational Speed (rpm)	5400
Average Seek Time:	
Track-to-Track	3 msec
Average	15
Maximum	26
Interface:	
Type	SATA 2.6 / ATA- 8
Buffer (MB)	8
Data Transfer Rate:	3.0Gb/s
Power Requirements:	
Voltage (V); Supply	+3.3V (5%)
Sleep (Watts)	0.13
Standby (Watts)	0.18
Read (Watts)	1.2
Write (Watts)	1.2
Start-up (Watts)	2.5

Physical & Environmental Specifications Dimensions –mm:	
Height	8
Width	54
Depth	78,5
Weight	62 g
Ambient Temperature °C :	
Operating	5°~55°
Non-Operating	-20°~65°
Vibration and Shock:	
Operating Vibration	2.0 G with 15-500Hz
Operating Shock	500 G 2 msec
Non-Operating	1500 G 1msec
Acoustic Noise (Random Seek)	23 dBA
Reliability Characteristics:	
MTTF	600,000 hours

